BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8

I st And Final Bill Work code. 005-18-000087

Est cost Rs - 10.00 Lacs

M. A. R. 57 (Rule 116)

Measurement Book No. B

356329

rial No. .....

ame of Work ..Motors & providing From Pipeline and To Construction & Rain water Harvesting At providing Cement

ame of Contractor of nature of Agency

ate of commencement of work Concrete Road and etc At Kogilu Indira Canteen in

Date	Full description, etc, of work	Ward No. 05 Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name & Contractors. Executive Engineer KRIDL 280.59 M Cross Road. 17 M C Main Road. 3rd y Block. Rajajinagara. Bangalore - 560010.						
	Work order No. BBMP/EE/BTB/WO/119/2018-19. dt: 17-9-2018						
(1)	Geophysical investigation & Site for sinking Borewell for supplying drinking water to the habitation existing through the hand pump MWS & PWSS by vertical electrical Sounding						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by adopting vernier or sch sounding method including reconnaissance survey & geological formation & preliminary investigation & existing ground water in the vicinity its quality and acceptability, depth & casing pipe required to seal the top unconsolidated formation including anticipated depth 81.00 MSL in consolidated formation & proper sealing & casing pipe depth & drilling required to cover full depth & diameter proposed to be tapered as per approved yield and other requirement as per specification.						
	Indira Canteen Kogilu	1	–	–	–	1 No.s	1
	Rate. 2065:00	–					2065:00

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	
	2	
(2)	Sinking borewell by hydraulic rig & above in all strata & casing pipes & welding including crew charges and yield testing as per spec: 0.00 to 50.00 MSL	
	Rate. 315:18	

T BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
cumbersome method including			
logical formation Geophysical			
and base in the vicinity			
depth of casing pressure			
ered formation including			
consolidated formation &			
e depth of drilling machine			
er proposed to be tapped			
formation etc complete			
–	–	1 No.s	2065.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356330

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sinking borewell of 165 mm dia clear using Super Cast hydraulic rig of capacity 200 PSI & above CFM and above in all strata including over burden upto 20 mts & casing pipes coupling and cap with necessary cutting threading and welding including transportation of rig and supporting vehicles crew charges and cost of consumables etc. Complete including fixed fessing at required depth with a minimum boring etc. complete:						
	0.00 to 50.00 MM	1	50.00	–	–	50.00 Mts	15759.00
	Rate 315.48						15759/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	50 to 100 MM Rate - 412.00	1	50.00	-	-	50.00 MM 20600.00	
	100 to 150.00 MM Rate - 458.35	1	50.00	-	-	50.00 MM 22917.50	
	150 to 200.00 MM Rate - 484.00	1	50.00	-	-	50.00 MM 24205.00	
	200 to 250 MM Rate - 560.32	1	50.00	-	-	50.00 MM 28016.00	

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Nu
	250 to 300 MM Rate - 600.49 300 to 350 MM Rate - 622.40	
(3)	Supplying & [illegible] black ERW Cast-in corrosion welded	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356331

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	200 to 300 MM	1	50.00	-	-	50.00 MM	30000.00
	Rate. 600.49						
	300 to 350 MM	1	30.00	-	-	30.00 MM	18660.00
	Rate. 622.00						
(3)	Supplying & laying Mond 175 mm nominal bore medium blade ERW carbon PIPE & 5mm thick electric resistance continuous welded mild steel tube material conforming						

Contents 7	Reference to last Measurement 8
50.00 MM	20600.00
50.00 MM	22917.50
50.00 MM	24205.00
50.00 MM	28016.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Laying by ramming asser Watering with Cead upto 30 mm and upto 1-50 mm including cost of all labour etc., complete and as per direction & Engineer incharge & the work.						
	Quantity vide Item No. (26)					67-50 m^3	
	Rate · 76 : 00					5130 : 00	
(29)	Earthwork Excavation for foundation & building Water supply Sanitary line and electrical conduit either in Pits or in trench 1-50 m and above in width in ordinary soil not exceeding 1-50 m under						

erial No. .....
ame of Work .....
lame of Contractor of nature of Agency
ate of commencement of work .....

Date	Full description, etc, of work
1	2
	including lea... clear... compress... As per Rate ... Rate · 200 : ...
(30)	Laying plain ... Concrete Pipe ... material in ... mortar 1:2 ...

T BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
		Weaning with Cast iron including cost of all labour supervision & Engineer	
No. (26)		67.00 m³	5130.00
		Foundation & Building and plastered Cushion to mud and stone in exceeding 1.5m minden	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356342

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	including the Dressing the bottom and sides of RM ele. Concrete as per Specification. As per Ane. measurements recorded vide Page No. 356382 in this MB Rate. 200:34					3.98 m³	797.35
(30)	Laying Reinforced Cement Concrete Pipe NP4/Pressure Concrete Pipe for Sewerage on 1:2 cradle bedding for under mortar 1:2 but excluding excavation Protection Concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing Concrete and Masonry work & etc complete as per Specification.						
	As per pre-measurements recorded vide Page No. 356382 to 356383 in this MB.						
	Page. 11821:82					3.00 Mtr	35765:4
(31)	Providing and Fixing in foundation with granite rapl broken metal 40mm and down size with approved sand including hand packing dammin watering including cost & mesentag and Labour complete as per Specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	As per M Page No.
	Page. 2240:
(32)	Supply and Pr ete.. complete As per P Page No..
	Page. 720:00

OOK

th	Depth 6	Contents 7	Reference to last Measureme 8
		asonry work & en	
		on.	
		g recorded vide	
		m this MB.	
		3.00 Mtr	
		35765 : 1	
		ndation with granite	
		d down size with	
		pecking cramming	
		nents and Laser	
		en.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356343

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	As per Pre. Measurements recorded vide Page No. 356383 in this MB.					0.42 M	Page 3 : 19
	Page. 2240 : 84.						
(32)	Supply and Providing Aggregates 53 mm nominal size ete.. complete as per Specification. As per Pre. Measurement recorded vide Page No.. 356383 in this MB					0.7 M³	511 : 20
	Page. 720 : 00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(33)	Supply and Providing Aggregates 40mm and below size ... compose and as per direction of Engineer incharge of the work.						
	As per Pre-Measurement recorded vide Page No.	356	383			in this MB. 0.47 m^3	376:00
	Rate. 800:00						
(34)	Supply and Providing Aggregates 20mm and below size ... compose as per Specification.						
	As per Pre-Measurement recorded vide Page No.	356	384			in this MB. 0.47 m^3	470:00
	Rate. 1000:00						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
(35)	Supply and Provid... & Engineer incharge. As per Pre... Page No.	
	Rate. 1450:00.	
(36)	Providing Precas... & cure materials ... reinforcing etc. com...	

ENT BOOK

Dimensions			Contents	Reference to last Measureme
gth	Breadth 5	Depth 6	7	8
			Aggregates 40mm and below	
			Engineer in cha	
			urement recorded vide	
3			in this MB.	
			0.47 M³ 376:00	
			gregates 20 mm and below	
			recification.	
			surement recorded vide	
384			in this MB.	
			0.47 M³ 470:	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356344

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(35) Supply and Providing Sand ese.. Compose as per Engineer in charge & me here to. As per Pre-measurements recorded vide Page No. 356384 in this MB 0.47 M³ 681:50 Page: 1450:00.						
	(36) Providing Precast Slab 600 mm thick including cost & use materials labour curing transportation loading unloading ese. compose as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	$\frac{(3.14 \times 1.0 \times 1.0)}{4}$	x	–	1.13 m^2	
	AK colony	1	38.00	0.90	–	34.20	
	Rate · 1856 : 57					35.33 m^2	65592 : 6
(37)	Constructing brick Masonry inspection chamber 455 x 610 mm and 450 mm deep (clear inside dimens for sewerage Pipeline using table moulded non-modular bricks & class designation 50 in CM 1:5 CI Cover with Frame (Light duty) 455 x 610 mm internal dimens						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Total works RCC Top Slab down size dim and down thick with CM
	Rate · 7463 : 46
(38)	Lead for Disp dresses by me

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
x 1·0 x 1·0)			
4 x –		1·13 m²	
0·90 –		34·20	
		35·33 m²	
			65592:6
y Inspection Chamber			
eeve (Clear inside dimens			
tage moulded non-mag			
50 in CM 1:5 ci Cover			
x 610mm internal dimens			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356345

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Total Quantity of RCC Top Slab with Cement Concrete M15 with 20 mm and down size granite metal Foundations Concrete M15 with 20 mm and down size granite metal inside thick with CM 1:3 finish 8 mm thk Plastering 12mm thk Cement Concrete Mix with Plastering (1 Coat) & Frame (1 No)						
	Base 7463:46	1	–	–	–	1 No.	7463:46
(38)	Load for Disposal of Debris shall be Payable as Carriage by Mechanical means including loading and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(41)	Providing and laying Cement Concrete using 20mm and down size granite Coarse aggregate and fine aggregate & ready mixed Concrete (RMC) for M20 for RCC works laid in Horizontal layers and well Compacted vibrating curing for Raft foundation Column footing main and Secondary beams Wharf head and etc etc.. Compleate as per Specification. Kogilu Base: 6231:74	1	15.00	4.00	0.10	6.00 M³	37390 = 4
(42)	Providing and fixing 20mm thick Compleate fine board in expansion joint Compleate as per Drawing and Technical Specification etc.. Compleate.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Base. 147:34	4
(43)	Vacuum de Watering mat and Compaction disc including cost Vibrator Power Flo and test etc..	

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
ent concrete using 20mm			
ose aggregate and fine			
ncrete (PCC) 1:4:8 for M20 for			
ce beams and well Compacted			
ndation Column Neck beam			
Plaster and all etc..			
sion.			
4.00 0.10 6.00 M		3	
		37390 =	
m Shuttering Complete for			
ent Concrete as per			
ication etc.. Complete.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356347

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Page. 147 : 34	4	4.00	–	–	16.00 M2	
							2357 : 44
(43)	Vacuum de watering with vacuum Pump and Suction mat and Compaction with vein floating Screed including Cost & Generator HSD & Maintenance Screed Vibrator Power Floater Blade and Dies etc.. HSD all Cost and Hire etc.. Complete as per the Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and dimension &	Engineer	in charge & me				Work
	ese in complete.						
	Rate. 95:40	1	15.00	4.00	-	60.00 m^2	
							5724:0
	Verified						
	29/10/18						
	C & F C						
					Total Rs.		900594:
	29/10/2018	Add	10%	Bridge Charges		Rs.	90059
		Add	1%	Cess on		Rs.	9005
					Total	Rs.	999659:

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Certificate

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
in Chunnie & Me		Work	
·00 -		60.00 m^2	5724:00
	Total Rs.		900594:
- Charges Rs.			99059:
Cess	Rs.		9005:
Total	Rs.		999659:

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356348

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

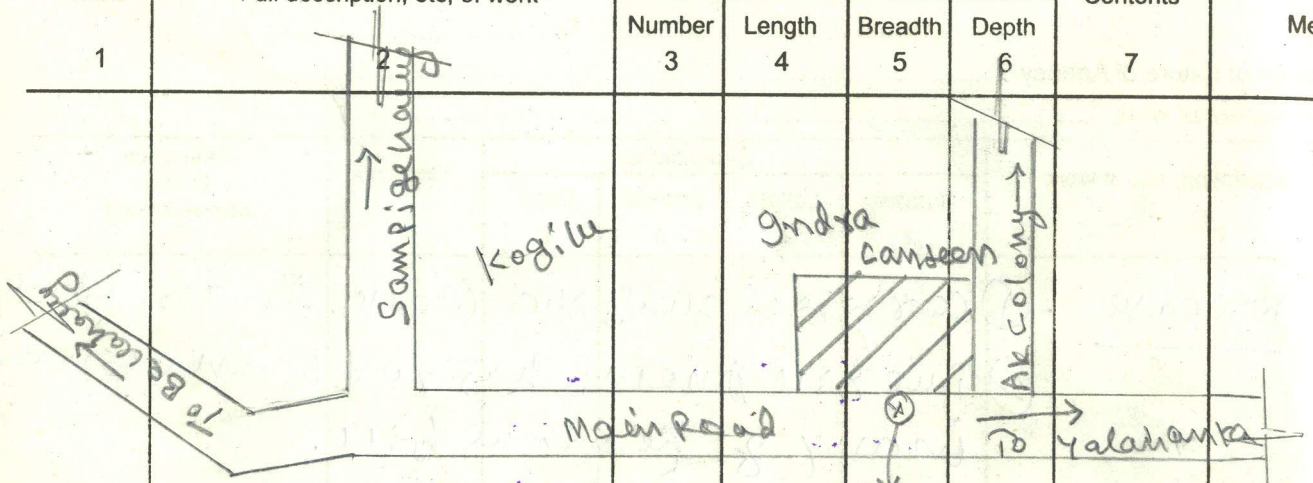
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate - (1) Certified that the work done satisfactory (2) Rise & fall marks has not been entered in any of previous Bill.						

29/10/18
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

29/10/2018
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



29/10/2018

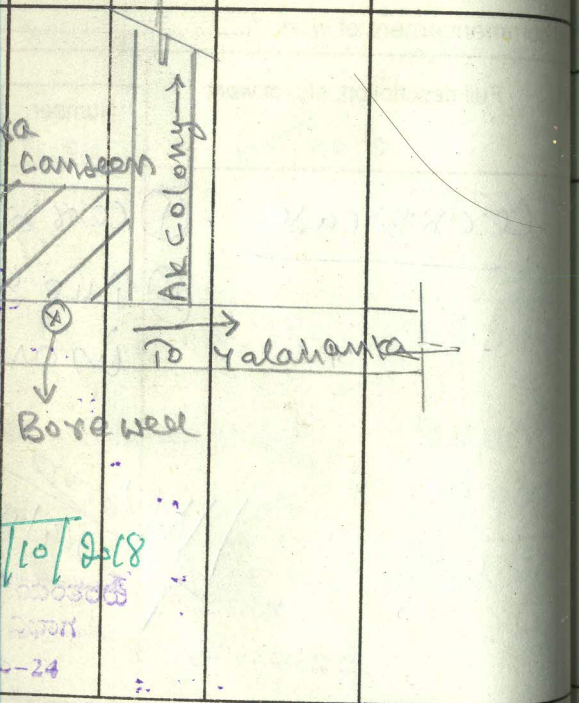
ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಯವರ
ಕಾರ್ಯಾಲಯದ ಅಧಿಕೃತ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B

356349

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total Rs. 9.99.659-00	
						IT - 19993-00	
						Cess - 9997-00	
						CBT - 1000-00	
						LR - 3999-00	
						FSD - 49983-00	
						CGST - 9997-00	
						SGST - 9997-00	
						Adju. Cheque: 104966-00	
						894693-00	

9.99,659-00
104966-00
894693-00
Rs: Eight-lakh, ninety four thousand six hundred ninety three only.